

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

| | | | |
|-------|---|----|---|
| Sheet | 1 | of | 1 |
|-------|---|----|---|

Complete if Known

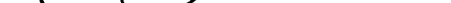
| | |
|------------------------|-------------------------------|
| Application Number | 10/701,084 |
| Filing Date | November 4, 2003 |
| First Named Inventor | Scott D. SCHWAB et al. |
| Art Unit | Not Assigned |
| Examiner Name | Not Assigned; Conf. No.: 4422 |
| Attorney Docket Number | EI-7612 |

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

| FOREIGN PATENT DOCUMENTS | | | | | |
|--------------------------|-----------------------|---|------------------|---|---|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear |
| | | Country Code ² Number ⁴ Kind Code ⁵ (if known) | MM-DD-YYYY | | |
| CST | | EP 0 457 589 A | 11-21-1991 | CUNNINGHAM et al. | |
| | | EP 0 755 996 A | 01-19-1997 | KNOFF | |
| | | EP 0 947 577 A | 10-06-1999 | BANAVALI et al. | |
| | | EP 1 321 504 A | 06-25-2003 | HENLY | |
| CST | | EP 1 516 909 A | 03-23-2005 | BENNETT et al. | |
| | | WO 00/31216 A | 06-02-2000 | AHMED | |

| | | | |
|-----------------------|---|--------------------|------|
| Examiner Signature |  | Date Considered | 9/06 |
|-----------------------|---|--------------------|------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁷ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

| | |
|------------------------|-------------------------------|
| Application Number | 10/701,084 |
| Filing Date | November 4, 2003 |
| First Named Inventor | Scott D. SCHWAB, et al. |
| Art Unit | Not Assigned; Conf. No.: 4422 |
| Examiner Name | Not Assigned |
| Attorney Docket Number | EI-7612 |

Sheet 1 of 2

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | P* |
|--------------------|----------|---|------------------|---|---|----|
| | | Country Code ³ Number ⁴ Kind Code ⁵ (If known) | MM-DD-YYYY | | | |
| CDT | | EP 0 428 393 B1 | 05-22-1991 | Ethyl Petroleum Additives, Inc. | | |
| | | EP 0 541 585 B1 | 05-19-1993 | EMITEC EMISSIONSTECHNIK | | ✓ |
| CDT | | EP 0 1 191 090 A2 | 03-27-1992 | Ethyl Corp. | | |
| | | EP 0 1 233 051 A1 | 08-21-2002 | Ethyl Corp. | | |
| | | | | | | |
| | | | | | | |

**Examiner
Signature**

Date
Considered

9/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.


This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|--|---|--------------------------|-------------------------------|------------------------|---------|
| Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i> | | Complete if Known | | | |
| | | Application Number | 10/701,084 | | |
| | | Filing Date | November 4, 2003 | | |
| | | First Named Inventor | Scott D. SCHWAB, et | | |
| | | Art Unit | Not Assigned; Conf. No.: 4422 | | |
| | | Examiner Name | Not Assigned | | |
| Sheet | 2 | of | 2 | Attorney Docket Number | EI-7612 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| CDT | | OWEN et al. "Automotive Fuels Reference Book," 2nd edition. Society of Automotive Engineers, pp 520-523 (1995). | |
| | | VARDI et al., "Peroxide Formation in Low Sulfur Automotive Diesel Fuels," SAE Paper 920826. | |
| | | BACHA et al., "Diesel Fuel Thermal Stability at 300 F," 6th International Conference on Stability and Handling of Liquid Fuels, Vancouver, Canada; Oct. 13-17, 1997. | |
| | | FODOR et al., "Peroxide Formation in Jet Fuels," Energy and Fuels, 1988 pp 729-34. | |
| | | BENNETT et al. "Hydroperoxide Formation in Ultra-Low Sulfur Diesel Fuels," International Conference on Stability and Handling of Liquid Fuels, Steamboat Springs, CO 9/19/2003. | |
| | | CAREY et al., Advanced Organic Chemistry, 3rd ed., Plenum Press, New York, pp. 694-695. | |
| CDT | | LINSTROMBERG et al., Organic Chemistry, A Brief Course, 6th ed., D.C. Heath & Co., Lexington, 1987, pp 222-227. | |
| | | | |
| | | | |
| | | | |

| | | | |
|--------------------|---|-----------------|------|
| Examiner Signature |  | Date Considered | 9/06 |
|--------------------|---|-----------------|------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.